



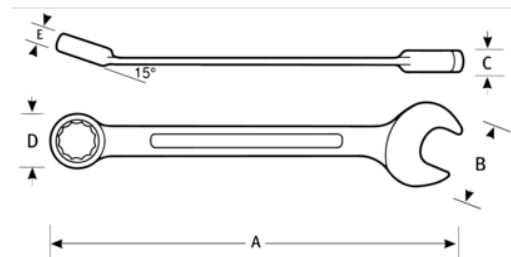
**JHW1199ABL**

**Combination Wrench 12 Point,  
3-1-8 Black Industrial Finish**





## PRODUCT DETAILS

- SUPERCOMBO® open end has specially designed grooves that direct wrench force away from fastener corners
- SUPERTORQUE® box opening design allows application of higher torque without rounding or deforming hex fastener points. No contact is made at the corners. Instead, wrenching forces are placed on the flat surfaces behind the points
- Meets or exceeds aerospace specification AS 954 for 12 point fasteners (as defined by AS 870) to provide accurate torque/tension relationship for precision application
- May be used on all common hex (6 point) fasteners with considerable advantage over conventional box end wrenches to increase both hand tool flexibility and economy
- Box and open end openings are identical



PRODUCT ATTRIBUTES

Product		A	B	C	D	E	
JHW1199ABL	3 in	32 in	6-5/8 in	1-7/32 in	4-7/8 in	1-5/8 in	1.08 lb